

Spatial Light Modulator Market by Application (Beam Shaping, Display, Optical, Laser Beam Steering, Holographic Data Storage), Resolution (Less Than 1024*768 PX, EQ or More Than 1024*768 PX), Type and Geography - Global Forecast to 2020

<https://marketpublishers.com/r/S295C2540FEEN.html>

Date: January 2016

Pages: 85

Price: US\$ 5,650.00 (Single User License)

ID: S295C2540FEEN

Abstracts

“Increased applications across various industries is the key driver for the growth of spatial light modulator market”

The spatial light modulator market is expected to grow from USD 202.2 million in 2015 to USD 451.2 million by 2020, at a CAGR of 17.4% during the forecast period. The spatial light modulator technology is used in various applications, such as holographic displays and LCoS displays, among others. The entertainment industry is one of the major end use industries for holographic displays. Holographic displays find application in defense and security, where they are used to recreate battlefield situations. This helps military intelligence in battlefield planning, disposal of explosives, and identification of targets (object, weapons, or explosives). Thus, the increasing usage across different industries is expected to contribute to the growth of the spatial modulator market.

“The beam shaping application segment is expected to contribute the largest share by 2020”

Beam shaping is also known as pulse shaping. The beam shaping segment includes the usage of spatial light modulator in femtosecond laser pulse shaping, laser and material processing, and material processing. This segment is expected to contribute the largest share by 2020 and grow at the highest CAGR during the forecast period, due to the increased use of spatial light modulator in the aforementioned processes.

“The market in Asia-Pacific is expected to grow at the highest CAGR during the forecast period”

The spatial light modulator market in Asia-Pacific is projected to witness significant growth in terms of consumption of spatial light modulator across various applications. The optical application, beam shaping, and display application segments are expected to witness high growth in this region. Countries such as China, Japan, and South Korea are expected to drive the growth of the spatial light modulator market in Asia-Pacific.

Break-up of profile of primary participants is given below as:

Breakdown of profile of primary participants:

By Company Type: Tier 1 - 57 %, Tier 2 - 26% and Tier 3 - 17%

By Designation: C level - 65%, Director level - 25%, Others - 10%

By Region: APAC - 40%, North America - 30%, Europe - 20%, RoW - 10%

Major players operational in the spatial light modulator market are Hamamatsu Photonics K.K. (Japan), SANTEC CORPORATION (Japan), Forth Dimension Displays Ltd. (U.S.), Jenoptik AG (Germany), HOLOEYE Photonics AG (Germany), and Texas Instruments (U.S.)

Reasons to Buy the Report:

The report will help the market leaders/new entrants in this market in the following ways:

1. This report segments the spatial light modulator market comprehensively and provides the closest approximations of the revenue numbers for the overall market and the subsegments across different verticals and regions.
2. The report helps stakeholders to understand the pulse of the market and provides them information on key market drivers, restraints, challenges, and opportunities.

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*Details on Overview, Products and Services, Financials, Strategy & Development might not be Captured in case of Unlisted Companies.

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